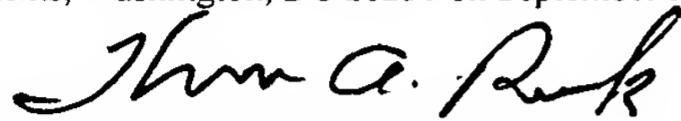


CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on September 5, 2003.



Thomas A. Runk, Reg. No. 30,679

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of

Inventor: Butterfield

Application No.: Not assigned

Filed:

For: APPARATUS AND METHOD FOR  
AIR-IN-LINE DETECTION

Examiner: Not assigned

Group Art Unit: Not assigned

Docket No. 65050

Date: September 5, 2003

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Arlington, VA 22313-1450

Dear Sir:

Enclosed are copies of Form FB-A820 containing five pages, being submitted to the Office under 37 C.F.R. § 1.97 (b) (1). This application is a continuation of U.S. Application No. 08/933,709. Copies of the listed documents can be found in the Office file of U.S. Application No. 08/933,709.

This paper has been filed before a first action on the merits and no fee is due for this Information Disclosure Statement. However if it should be determined that a fee in fact becomes due, the Commissioner is authorized to charge any additional fees that may be required by this paper to Deposit Account No. 06-2425.

Respectfully submitted,

FULWIDER PATTON LEE & UTECHT, LLP

By:

  
\_\_\_\_\_  
Thomas A. Runk  
Registration No. 30,679

Enclosures

Howard Hughes Center  
6060 Center Drive, Tenth Floor  
Los Angeles, CA 90045  
Telephone: (310) 824-5555  
Facsimile: (310) 824-9696  
Customer No. 24201

Sheet 1 of 5

INFORMATION DISCLOSURE CITATION (Use Several Sheets if Necessary)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 65050	SERIAL NO.		
		APPLICANT BUTTERFIELD, et al.					
		FILING DATE		GROUP			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPLICABLE
		5,006,110	04/09/91	Garrison, et al.			
		4,959,050	09/25/90	Bobo, Jr.			
		5,064,412	11/12/91	Henke, et al.			
		5,041,086	08/20/91	Koenig, et al.			
		4,068,521	01/17/78	Cosentino, et al.			
		4,784,643	11/15/88	Siretchi, et al.			
		4,829,448	05/08/89	Balding, et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION
							YES
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER				DATE CONSIDERED			
<b>EXAMINER</b> Initial if reference considered, whether or not citation is in conformance with MPEP-609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.							

<p>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p><b>INFORMATION DISCLOSURE CITATION</b> (Use Several Sheets if Necessary)</p>	<p>ATTY. DOCKET NO.</p> <p><b>65050</b></p>	<p>SERIAL NO.</p>
<p>APPLICANT</p> <p><b>BUTTERFIELD, et al.</b></p>		
<p>FILING DATE</p>	<p>GROUP</p>	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLAS S	SUB CLASS	FILING DATE IF APPLICABLE
	4,821,588	04/18/89	Pastrone, et al.			
	4,321,461	03/23/82	Walter, Jr., et al.			
	5,102,392	04/07/92	Sakai, et al.			
	4,857,050	08/15/89	Lentz, et al.			
	4,881,413	11/21/89	Georgi, et al.			
	5,059,171	10/22/91	Bridge, et al.			
	3,974,681	08/17/96	Namery			
	4,114,144	09/12/78	Hyman			

## FOREIGN PATENT DOCUMENTS

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXAMINER	DATE CONSIDERED
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**EXAMINER** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

Form PTO-FB-A820  
(also form PTO-1449)

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		65050					
		APPLICANT					
		BUTTERFIELD, et al.					
FILING DATE		GROUP					
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLAS S	SUB CLASS	FILING DATE IF APPLICABLE	
	4,217,993	08/19/80	Jess, et al.				
	4,312,341	01/26/82	Zissimopoulos, et al.				
	4,344,429	08/17/82	Gupton, et al.				
	4,366,384	12/28/82	Jensen				
	4,367,736	1/11/83	Gupton				
	4,418,565	12/06/83	St. John				
	4,559,454	12/17/85	Kramer				
	4,607,520	08/26/86	Dam				
<b>FOREIGN PATENT DOCUMENTS</b>						TRANSLATION	
DOCUMENT NUMBER	DATE	COUNTRY	CLAS S	SUB CLASS	YES		
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER		DATE CONSIDERED					
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Form PTO-FB-A820  
(also form PTO-1449)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

65050

SERIAL NO.

## INFORMATION DISCLOSURE CITATION

(Use Several Sheets if Necessary)

APPLICANT

BUTTERFIELD, et al.

FILING DATE

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLAS S	SUB CLASS	FILING DATE IF APPLICABLE
	4,685,244	04/14/87	Meijer			
	4,673,927	06/16/87	Cianciavicchia			
	4,722,224	02/02/88	Scheller, et al.			
	4,762,518	08/09/88	Kreinick			
	4,764,166	08/16/88	Sapni			
	5,103,211	04/07/92	Daoud, et al.			
	5,123,275	06/23/92	Daoud, et al.			
	5,176,631	01/05/93	Koenig			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLAS S	SUB. CLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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INFORMATION DISCLOSURE CITATION <small>(Use Several Sheets if Necessary)</small>			65050				
			APPLICANT				
			BUTTERFIELD, et al.				
			FILING DATE	GROUP			
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLAS S	SUB CLASS	FILING DATE IF APPLICABLE
		5,177,993	01/12/93	Beckman, et al.			
		5,211,201	05/18/93	Kamen, et al.			
		5,260,665	11/09/93	Goldberg, et al.			
		5,394,732	03/07/95	Johnson, et al.			
		5,537,853	07/23/96	Finburgh, et al.			
		5,616,124	04/01/97	Hauge, et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLAS S	SUB CLASS	TRANSLATION
							YES      NO
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)							
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